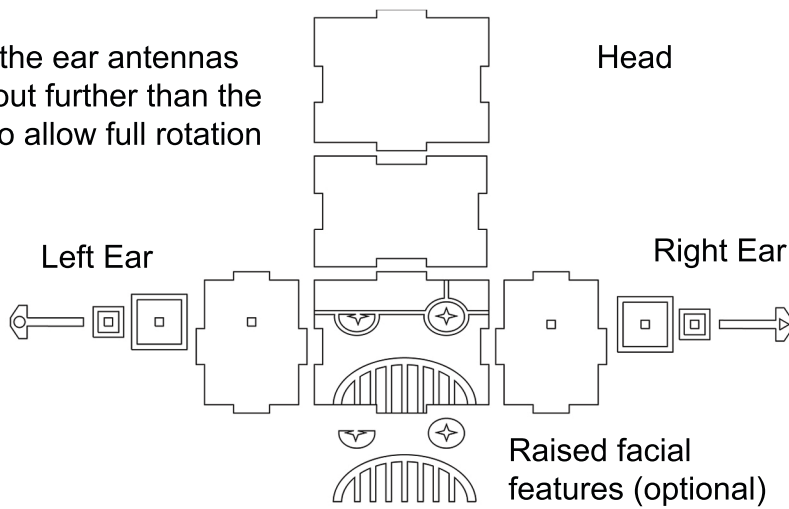


# HOW TO ASSEMBLE YOUR ARTIFACTORY ROBOT

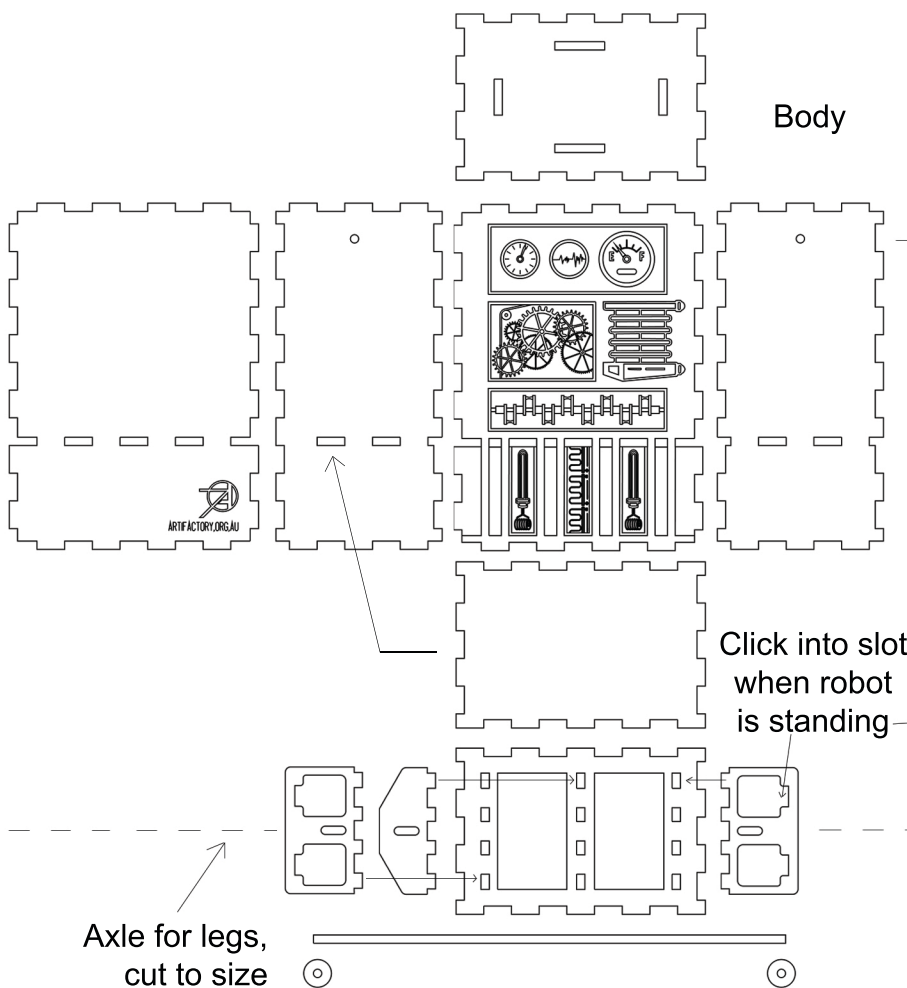
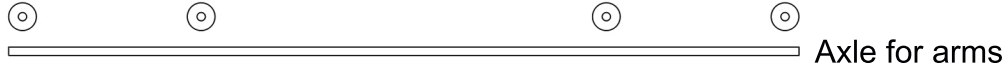
You will need:

- glue (superglue or PVA)
- craft knife or cutting pliers

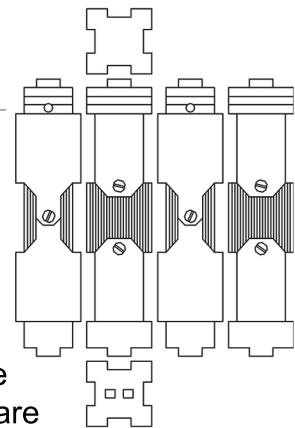
Make sure the ear antennas don't stick out further than the shoulders to allow full rotation of the arms



One ring secured on each end, one loose ring between torso and arm. Cut to size.



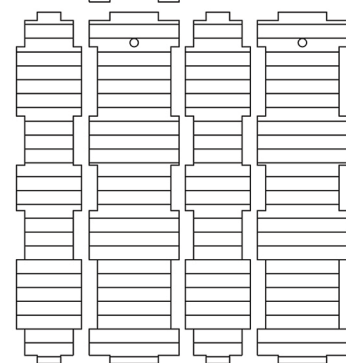
Arm x 2



Hand x 2

The orientation of the holes in the arm square bottom piece will determine the placement of the hand. Facing forward or sideways.

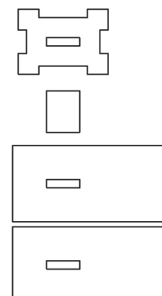
Prongs facing outwards



Leg x 2

Line up the pattern when assembling

Hands and feet go on the opposite side of the axle holes



Foot x 2  
(2 layers thick)

Each body part (head, torso, arms, legs) is constructed like a cube with 4 faces, a top and a bottom. The head does not have a bottom but instead is secured in the top of the torso. The torso has a middle horizontal section for strength and a second bottom section (hips) for leg attachment.

An axle goes through the body and the arms for arm rotation.

Another axle goes through the hips section and the legs for leg movement.

The leg axle should move up and down freely in its slot. When down, the legs move, when up, the prongs on the legs top section lock into place and keep the robot standing straight.

Build the hips and legs without attaching the leg's top plates. Put axle through the hips and legs and secure at both ends with circles. Then secure top of the legs in place, making sure the prongs sit into their slots on the outside of the hips.

Finally, attach hips to torso and your robot is complete!